

# AMRITPREET SINGH

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## OBJECTIVE

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Full Stack Software Engineer with 4+ years of experience. Seeking full-time Full Stack Software Engineer roles.

## SKILLS

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<b>Technical Skills</b>	React, NextJS, Typescript, PHP, C#.Net, SQL, NoSQL, AWS, Docker, API Design Responsive Design, TDD, Acceptance Testing, C, C++, Java, Python, Domain Driver Design
<b>Soft Skills</b>	Scoping & Prioritization, Adaptability, Critical Thinking, Attention to Detail

## EXPERIENCE

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<b>Software Engineer</b> Research Square Company	July 2022 - Present <i>Durham, NC</i>
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- Rebranded and redeveloped our Full Stack AI suite and shipped to 100k researchers.
- Developed a MS Word addin from scratch and shipped to 100k researchers.
- Actively maintained the Word addin and adding valuable features for 100k researchers.
- Developed generative AI features for our new research application with 100k potential users.
- Maintained the Preprints application used by 200k+ researchers.
- Maintained and updated our modern NextJS+Prismic frontend to actively ship blogs and marketing content to 200k+ users
- Designed and maintained code for multiple leading applications in the publishing industry.
- Wrote and maintained dev-ops code for modern apps.

<b>Full Stack Application Developer</b> Element 74	May 2021 - July 2022 <i>Cape Girardeau, MO</i>
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- Achieved 200+% growth in clients for Algos Pathways Full Stack Healthcare Application
- Integrated Algos Pathways with Athena Electronic Health Records which led to 200+% of client growth.
- Launched Stockhaus e-commerce application with market lead and a high potential profit margin

<b>Graduate Assistant - Computer Science</b> Southeast Missouri State University	Aug 2020 - May 2021 <i>Cape Girardeau, MO</i>
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- Developed an open-source C library for efficient sparse tensor computations, decomposition and storage and published poster at the renowned Super Computing 2021 conference.
- Developed an automated grading system for student home works aiming to reduce feedback time by at least 50% using Python.
- Developed a Conversation Recommendation System (Chatbot) to answer students' questions about academic programs and reduce staff load workload by more than 50%.
- Assisted with teaching Assembly Language, Boolean Algebra, and Logic Gates for Computer Architecture to 30+ students.

<b>IT &amp; E-governance Intern</b> IPE Global	June 2018 - Aug 2018 <i>New Delhi, India</i>
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- Developed a project management system for the UP State government using PHP Code Igniter and MySQL.
- Gave a presentation to the client (UP State Government).

## EDUCATION

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<b>Master of Applied Computer Science</b> , Southeast Missouri State University (3.9 GPA)	2019 - 2021
<b>Bachelor of Computer Science</b> , Webster University (3.7 GPA)	2016 - 2019

## EXTRA-CURRICULAR ACTIVITIES

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- Secretary at ACM Chapter SEMO
- Treasurer at Webster University Student Government Association
- Treasurer at Rotaract Club of Webster Bangkok
- Co-founder & member at School of Code (International Community School)